AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

Claim 1 (Currently Amended): An interactive remote drug dose and physiologic response monitoring system in a patient under a prescriptive regimen to take a drug comprising:

a drug delivery device; and

an implantable medical device (IMD) in wireless communication with the drug delivery device, the IMD having means for receiving, from the drug delivery device, a communication indicating administration of a drug by the drug delivery device in compliance with a prescriptive regimen,

wherein the IMD is configured to ~~monitors the patient's physiological signs subsequent to the administration of the drug~~ modify at least one therapy delivered by the IMD based on the communication indicating administration of the drug by the drug delivery device.

Claim 2 (Original): The system of claim 1, wherein the delivery device is chosen from one of the following: a pill box, a transdermal patch, a IV, an inhaler, an oral medicament dispenser, a subcutaneous implant, or a drug pump, or a transcutaneous application.

Claim 3 (Currently Amended): A drug delivery monitoring system comprising:

means for monitoring parameters of a drug delivery device;

means for communicating the monitored parameters with an implantable medical device (IMD);

means for processing the monitored parameters; and

~~means for controlling the drug delivery device based on the processing of the monitored parameters~~

means for controlling a therapy delivered by the IMD based upon the monitored parameters of the drug delivery device.

Claim 4 (Previously Presented): The system of claim 3, further comprising:

means for sensing physiological parameters through the IMD;

means for processing the sensed physiological parameters relative to a drug delivered by the drug delivery device; and

means for controlling the drug delivery device in response to the processing of the sensed physiological parameters.

Claim 5 (Cancelled).

Claim 6 (Previously Presented): An implantable medical device comprising:

a controller for controlling cardiac therapy parameters; and

one or more electrodes for delivering electrical stimulation to cardiac tissue and monitoring physiologic parameters of the tissue;

wherein the controller receives the parameters from the one or more electrodes and information from a drug delivery device, the information identifying whether an expected drug therapy is delivered, wherein the controller varies the cardiac therapy delivery through the one or more electrodes based upon the parameters and the information.

Claims 7-42 (Cancelled).

Claim 43 (Previously Presented) The system of claim 1, wherein the IMD checks drug interaction in the patient subsequent to the administration of the drug.

Claim 44 (Currently Amended) The system of claim 1, wherein the IMD determines at least one parameter selected from the group consisting of:

drug intake by the patient in compliance with the prescriptive regimen;

~~whether the drug delivery device has administered a drug to the patient;~~

a dosage of [[a]] the drug administered by the drug delivery device; and

an impact of administration of the drug on the IMD.

Claim 45 (Previously Presented) The system of claim 1, further comprising:

means for logging monitored parameters of the drug delivery device.

Claim 46 (Previously Presented) The system of claim 1, wherein the drug delivery device includes a pill dispenser.

Claim 47 (Currently Amended) The system of claim 46, wherein the IMD determines at least one parameter of the drug delivery device selected from the group consisting of:

a number of pills in the pill dispenser;

a number of pills taken by the patient via the pill dispenser; and

a dosage of [[a]] the drug taken by the patient from the pill dispenser.

Claim 48 (Previously Presented) The system of claim 1, wherein the IMD is one of a neurostimulator or a cardiac stimulator.

Claim 49 (Previously Presented) The system of claim 3, wherein the means for communicating monitored parameters with an IMD is included in the drug delivery device.

Claim 50 (Previously Presented) The system of claim 3, wherein the means for communicating communicates directly with the IMD.

Claim 51 (Previously Presented) The system of claim 3, further comprising:

an intermediary device, wherein the means for communicating communicates the monitored parameters with the IMD via the intermediary device.

Claim 52 (Previously Presented) The system of claim 51, wherein the means for processing the monitored parameters is included in the intermediary device.

Claim 53 (Previously Presented) The system of claim 3, wherein the means for processing the monitored parameters is included in the IMD.

Claim 54 (Previously Presented) The system of claim 3, wherein the means for processing the monitored parameters is included in the means for communicating.

Claim 55 (Previously Presented) The system of claim 3, wherein the means for processing the monitored parameters is remote from the IMD.

Claim 56 (Previously Presented) The device of claim 6, wherein the delivery device includes at least one drug delivery device selected from the group consisting of:

a pill dispenser;

a transdermal patch;

an IV;

an inhaler;

an oral medicament dispenser;

a subcutaneous implant;

a drug pump; and

a transcutaneous application.

Claim 57 (Previously Presented) The device of claim 6, wherein the information identifying whether an expected drug therapy is delivered includes information selected from the group consisting of:

information identifying drug intake by a patient;

information identifying whether the expected drug therapy is delivered by the drug delivery device; and

information identifying dosage of a drug delivered by the drug delivery device.

Claim 58 (Previously Presented) The device of claim 6, wherein the expected drug therapy includes delivery of a beta blocker, wherein if the information identifying whether an expected drug therapy is delivered indicates that the therapy was not delivered, the controller adjusts a pacing rate of cardiac therapy delivered through the one or more electrodes.

Claim 59 (Previously Presented) The device of claim 6, wherein the controller varies the cardiac therapy delivery by modifying delivery of electrical stimulation to cardiac tissue.